



**US Army Corps  
of Engineers**  
Honolulu District



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## **PAAUUAU STREAM FLOOD CONTROL PAHALA, ISLAND OF HAWAII**

**Project Location.** Paauau Stream is located in the Pahala District south of Hilo on the island of Hawaii.

**Authorization.** The Paauau Stream flood control project was authorized in August 1983 under Section 205 of the Flood Control Act of 1948, as amended, in response to a request from the Mayor of Hawaii in June 1980.

**Local Sponsor.** The local sponsor is the Hawaii County Department of Public Works who owns, maintains, and operates the project.

**Completed Work.** The completed project consists of a levee about 260 feet long; five CRM walls totaling 1,800 feet in length, 2,700 feet of boulder concrete slope lining and floodplain easement and management along the left bank. The project was completed in October 1984 at a cost of \$1,820,279 (federal).

**Present Status.** Based upon engineering investigations in 1999 that were associated with Inspection of Completed Works under the Operations & Maintenance (O&M) program, the capacity of flood control improvements may be deficient. Watershed changes due to the demise of the sugar industry may affect the extent of runoff. Investigations were initiated in April 2000 and completed in July 2000 under the O&M program.

The primary purpose of the analyses was to determine the hydrologic changes as a result of land use changes in the project area. Our analyses concluded that the project will contain the additional increase in flow.

**Future Efforts.** Monitor the project at regular intervals under our O&M Program. No additional flood control design features are required at this time.